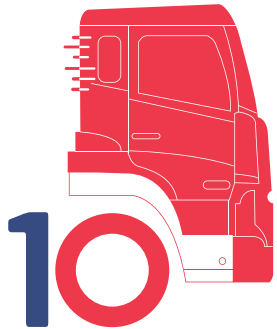


Versatile Performer

Fuel efficient and reliable engine built using Volvo Group's expertise



PARTNERSHIP WITH THE VOLVO GROUP



10
YEARS
OF DRIVING
MODERNISATION

VOLVO GROUP & EICHER MOTORS

Two leading players in the commercial vehicle business joined hands in 2008 with a convergent vision of driving modernisation in commercial transportation. Volvo Group, the world's leading manufacturer of trucks, buses, construction equipment and marine & industrial engines, brought its global expertise and world-class technology, while Eicher Motors brought its frugal engineering and deep knowledge of the developing markets. The mission of this joint venture- VE Commercial Vehicle Ltd., is to raise the standard of the commercial transportation industry and take it to a new PROfessional level.



Leader in commercial
transportation

Frugal engineering and operation

Aftersales infrastructure

Cost-effective operations



VOLVO GROUP

Global expertise

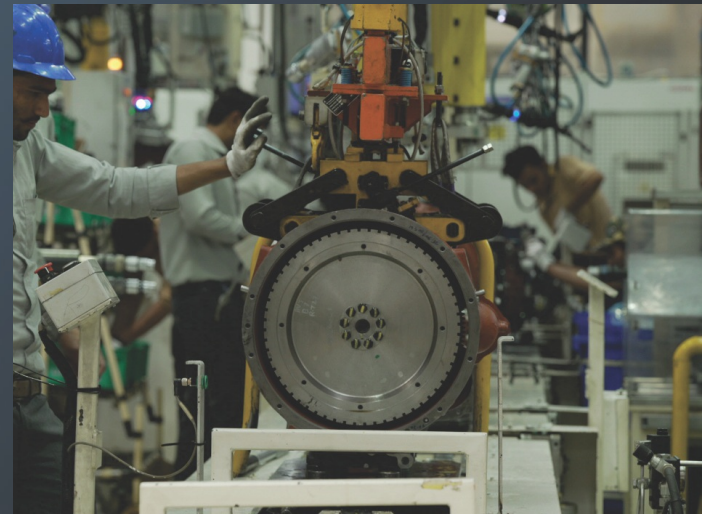
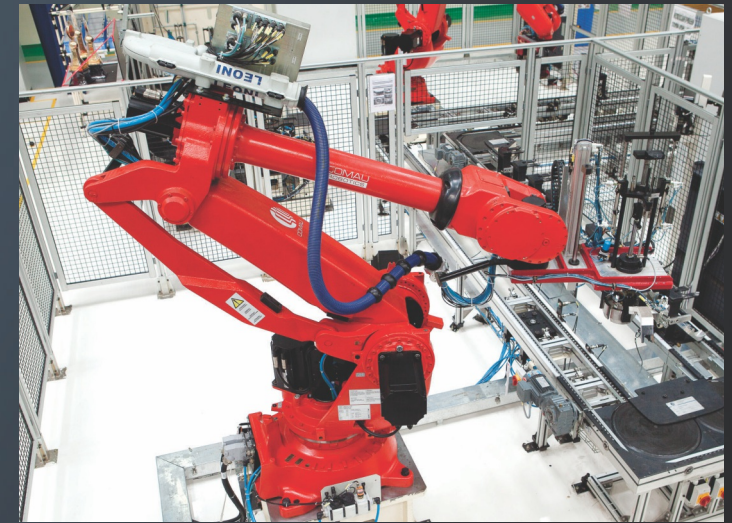
Leadership in product
technology

Well-defined processes
and control

Brand image

Global standard manufacturing plant

The Eicher engine has been designed and developed in a modern and high-tech manufacturing facility in Pithampur, near Indore, India. The next-generation engine plant, built in collaboration with the Volvo Group, not only manufactures Euro III and IV heavy-duty engines but also supplies Euro VI engines internationally to the Volvo Group.



Global technology meets frugal engineering

The assembly line has been built to balance high technology with frugal engineering. The state-of-the-art manufacturing process which includes a robotic cab weld shop, CED paint shop and 100% hot test facility, ensures quality and reliability of international standards.

EICHER GENSET ENGINE

MOST RELIABLE AND POWERFUL

- Unmatched Engine Protection
- Designed for Continuous Operation
- Excellent Block Loading Facility
- Low Deration on High Ambient Temperature & Altitude
- Quick Starting & Smooth Running

LOW LIFE CYCLE COST

- Best-in-class Fuel Efficiency
- Low-Maintenance Cost
- Longer Service Interval
- No Running-in Period
- Economical Parts Pricing

SERVICE FRIENDLY

- Easy Access to All Service Points
- No Specialized tools Required
- Easy Parts Availability Across India

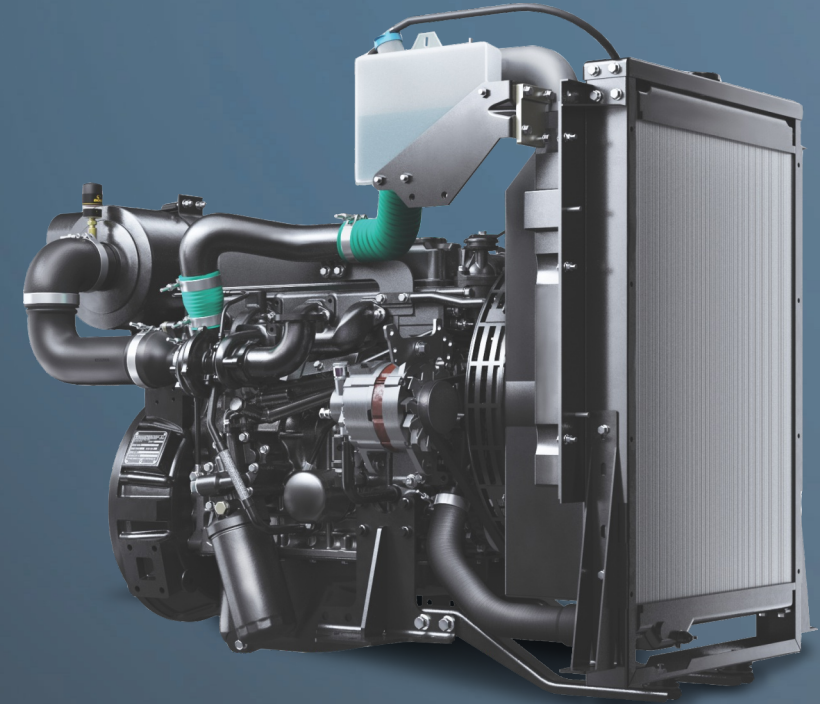
WORLD-CLASS ENGINEERED PRODUCT WITH ADVANCE TECHNOLOGY

- Built with Superior Metallurgy
- Superior Uptime
- Longer Product Life
- Dual Filtration System
- Starter Motor with Thermal Cut-off
- Inbuilt Oil Cooler
- Equipped with Piston Cooling Jet

ENGINE TECHNICAL SPECIFICATIONS

Brand	EICHER				
Model	EE483TCI				
Number of Cylinder	Nos.	4			
Cylinder Arrangement	Vertical In-Line				
Cycle	Stroke	4			
rpm	1500				
Aspiration	Turbocharged Intercooled				
Combustion System	Direct Injection				
Compression Ration	17:01				
Bore X Stroke	mm	100 X 105			
Displacement	litres	3.298			
Cooling System	Liquid Cooled				
Lub. Oil Specification	API CI4 Plus -SAE 15W 40				
Lub. Oil System Capacity	litres	13			
Service Interval*	500 Hrs/ 12 Months				
Governor Class/ Type	A1/ Mechanical				
Starting System	12 V DC Electrical				
Coolant Capacity	litres	15			
Dimensions & Weight	mm	Length	Width	Height	Weight
	30kVA	1078	775	782	450 Kg
	40kVA	1083	785	888	470 Kg

*Terms & Conditions apply, as service interval can vary as per site condition and usage cycle.



4 Cylinders – 30kVA/ 40kVA

Engine Speed	Frequency	Type of Operation	Recommended Genset Rating	Engine Power
rpm	Hz	Prime Power	kVA	HP
1500	50		30	38
			40	52

NOTE:

Power rating as per standard reference condition as per - BS 5514 / ISO 3046 / ISO 8528
 Reference condition 27°C Ambient Temp, 100 KBP (750 mm of Hg) Atmospheric Condition and 60% Humidity - As per IS 10002, ISO 3046
 VECV, reserves the right to modify specification anytime without prior notice in order to incorporate the latest developments.
 kVA value is declared considering 0.8 power factor of load.

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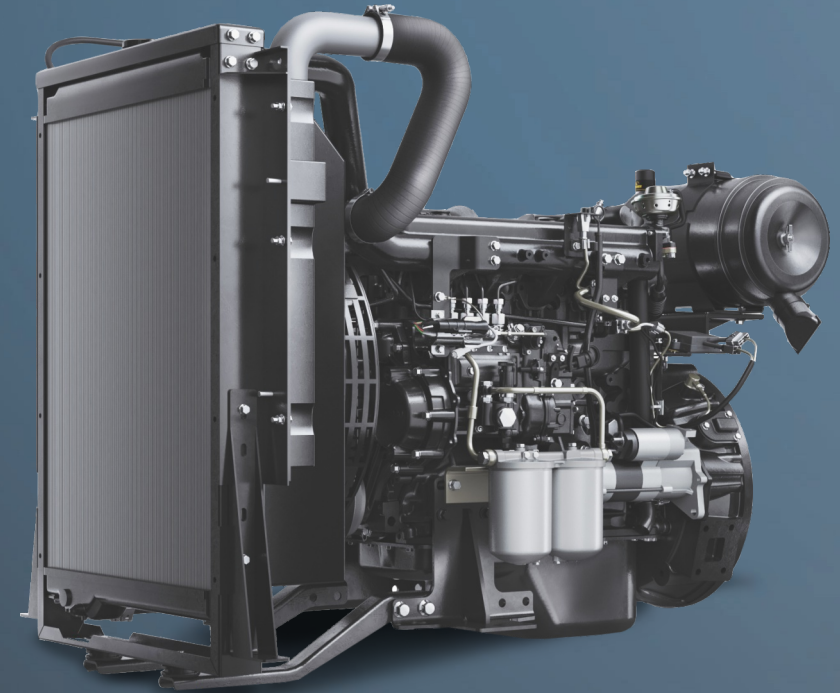
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ENGINE TECHNICAL SPECIFICATIONS

Brand	EICHER				
Model	EE483TCI				
Number of Cylinder	Nos.	4			
Cylinder Arrangement	Vertical In-Line				
Cycle	Stroke	4			
rpm	1500				
Aspiration	Turbocharged Intercooled				
Combustion System	Direct Injection				
Compression Ration	17:01				
Bore X Stroke	mm	100 X 105			
Displacement	litres	3.298			
Cooling System	Liquid Cooled				
Lub. Oil Specification	API CI4 Plus -SAE 15W 40				
Lub. Oil System Capacity	litres	13			
Service Interval*	500 Hrs/ 12 Months				
Governor Class/ Type	A1/ Electronic/ Mechanical				
Starting System	12 V DC Electrical				
Coolant Capacity	litres	17			
Dimensions & Weight	Length	Width	Height	Weight	
62.5kVA	mm	1183	802	1092	474 Kg

*Terms & Conditions apply, as service interval can vary as per site condition and usage cycle.



62.5kVA CPCB II

Engine Speed	Frequency	Type of Operation	Recommended Genset Rating	Engine Power
rpm	Hz	Prime Power	kVA	HP
1500	50		62.5	80

NOTE:

Power rating as per standard reference condition as per - BS 5514 / ISO 3046 / ISO 8528
 Reference condition 270c Ambient Temp, 100 KBP (750 mm of Hg) Atmospheric Condition and 60% Humidity - As per IS 10002, ISO 3046
 VECV, reserves the right to modify specification anytime without prior notice in order to incorporate the latest developments.
 kVA value is declared considering 0.8 power factor of load.

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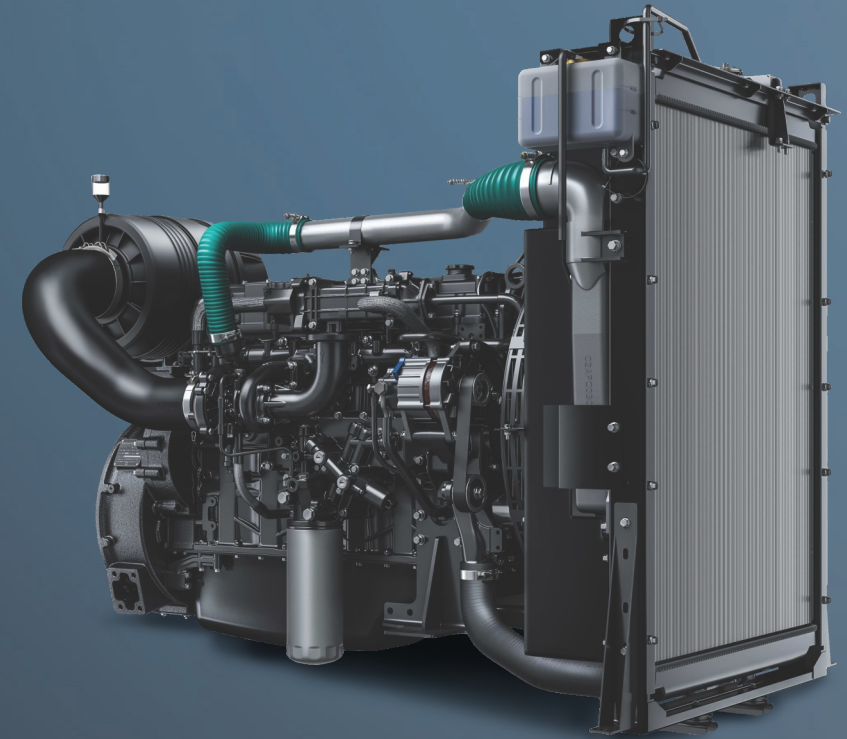
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ENGINE TECHNICAL SPECIFICATIONS

Brand	EICHER				
Model	EE683TCI				
Number of Cylinder	Nos.	6			
Cylinder Arrangement	Vertical In-Line				
Cycle	Stroke	4			
rpm	1500				
Aspiration	Turbocharged Intercooled				
Combustion System	Direct Injection				
Compression Ration	17:01				
Bore X Stroke	mm	100 X 105			
Displacement	litres	4.95			
Cooling System	Liquid Cooled				
Lub. Oil Specification	API CI4 Plus -SAE 15W 40				
Lub. Oil System Capacity	litres	17			
Service Interval*	500 Hrs/ 12 Months				
Governor Class/ Type	A1/ Electronic/ Mechanical				
Starting System	12 V DC Electrical				
Coolant Capacity	litres	20			
Dimensions & Weight	Length	Width	Height	Weight	
82.5kVA	mm	1422	864	1098	637 Kg

*Terms & Conditions apply, as service interval can vary as per site condition and usage cycle.



82.5kVA CPCB II

Engine Speed	Frequency	Type of Operation	Recommended Genset Rating	Engine Power
rpm	Hz	Prime Power	kVA	HP
1500	50		82.5	105

NOTE:

Power rating as per standard reference condition as per - BS 5514 / ISO 3046 / ISO 8528
Reference condition 27°C Ambient Temp, 100 KBP (750 mm of Hg) Atmospheric Condition and 60% Humidity - As per IS 10002, ISO 3046
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kVA value is declared considering 0.8 power factor of load.

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WORLD-CLASS ENGINEERED PRODUCT WITH ADVANCE TECHNOLOGY

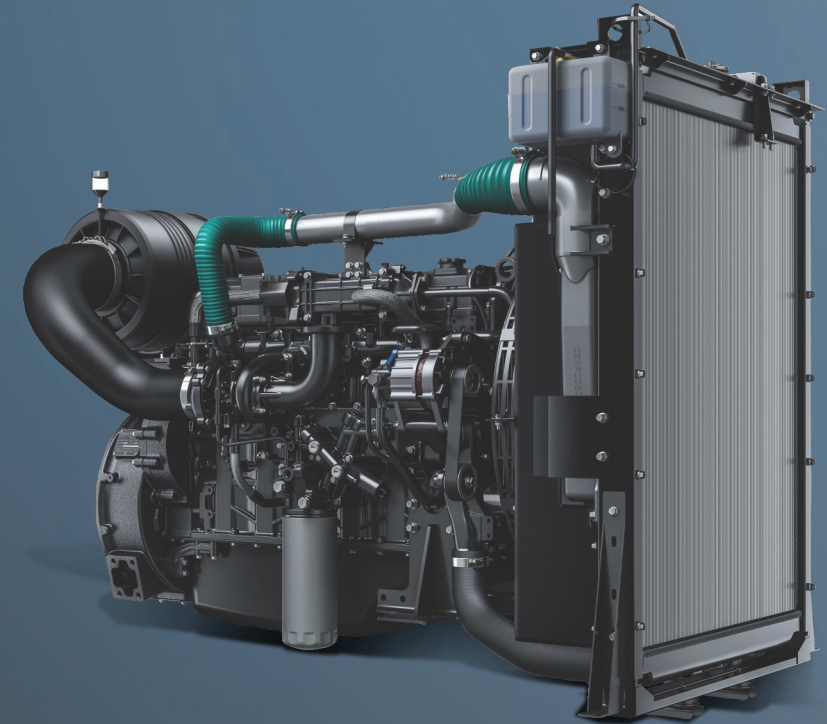
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ENGINE TECHNICAL SPECIFICATIONS

Brand	EICHER					
Model	EE694TCI					
Number of Cylinder	Nos.	6				
Cylinder Arrangement	Vertical In-Line					
Cycle	Stroke	4				
rpm	1500					
Aspiration	Turbocharged Intercooled					
Combustion System	Direct Injection					
Compression Ration	17.5:01					
Bore X Stroke	mm	100 X 120				
Displacement	litres	5.7				
Cooling System	Liquid Cooled					
Lub. Oil Specification	API CI4 Plus -SAE 15W 40					
Lub. Oil System Capacity	litres	23.8				
Service Interval*	700 Hrs/ 12 Months					
Governor Class/ Type#	A1/ A2 Electronic/ Mechanical					
Starting System	12 V DC Electrical					
Coolant Capacity	litres	21.5				
Dimensions & Weight		Length	Width	Height	Weight	
	125kVA	mm	1526	1039	1090	667 Kg

*Terms & Conditions apply, as service interval can vary as per site condition and usage cycle.

#100kVA is only available with Mechanical governing.



100/125kVA CPCB II

Engine Speed	Frequency	Type of Operation	Recommended Genset Rating	Engine Power
rpm	Hz	Prime Power	kVA	HP
1500	50		100	128
			125	156

NOTE:

Power rating as per standard reference condition as per - BS 5514 / ISO 3046 / ISO 8528

Reference condition 27°C Ambient Temp, 100 KBP (750 mm of Hg) Atmospheric Condition and 60% Humidity - As per IS 10002, ISO 3046

VECV, reserves the right to modify specification anytime without prior notice in order to incorporate the latest developments.

kVA value is declared considering 0.8 power factor of load.

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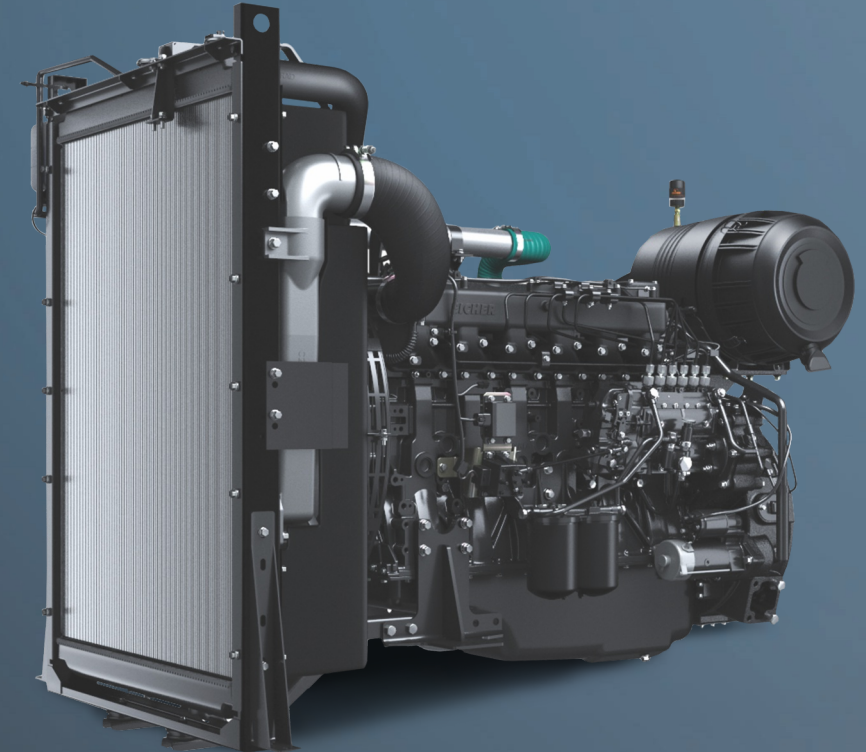
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ENGINE TECHNICAL SPECIFICATIONS

Brand	EICHER				
Model	EE694TCI				
Number of Cylinder	Nos.	6			
Cylinder Arrangement	Vertical In-Line				
Cycle	Stroke	4			
rpm	1500				
Aspiration	Turbocharged Intercooled				
Combustion System	Direct Injection				
Compression Ration	17.5:01				
Bore X Stroke	mm	100 X 120			
Displacement	litres	5.7			
Cooling System	Liquid Cooled				
Lub. Oil Specification	API CI4 Plus -SAE 15W 40				
Lub. Oil System Capacity	litres	23.8			
Service Interval*	700 Hrs/ 12 Months				
Governor Class/ Type	A1/ Electronic				
Starting System	12 V DC Electrical				
Coolant Capacity	litres	21.5			
Dimensions & Weight		Length	Width	Height	Weight
160kVA	mm	1526	1309	1090	798 Kg

*Terms & Conditions apply, as service interval can vary as per site condition and usage cycle.



160kVA CPCB II

Engine Speed	Frequency	Type of Operation	Recommended Genset Rating	Engine Power
rpm	Hz	Prime Power	kVA	HP
1500	50		160	201

NOTE:

Power rating as per standard reference condition as per - BS 5514 / ISO 3046 / ISO 8528
Reference condition 27°C Ambient Temp, 100 KBP (750 mm of Hg) Atmospheric Condition and 60% Humidity - As per IS 10002, ISO 3046
VECV, reserves the right to modify specification anytime without prior notice in order to incorporate the latest developments.
kVA value is declared considering 0.8 power factor of load.



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Phone: 0124-4733600,
Email: engine@eicher.in

Authorised dealer: